

5: MULTI-FUNCTION PRINTER

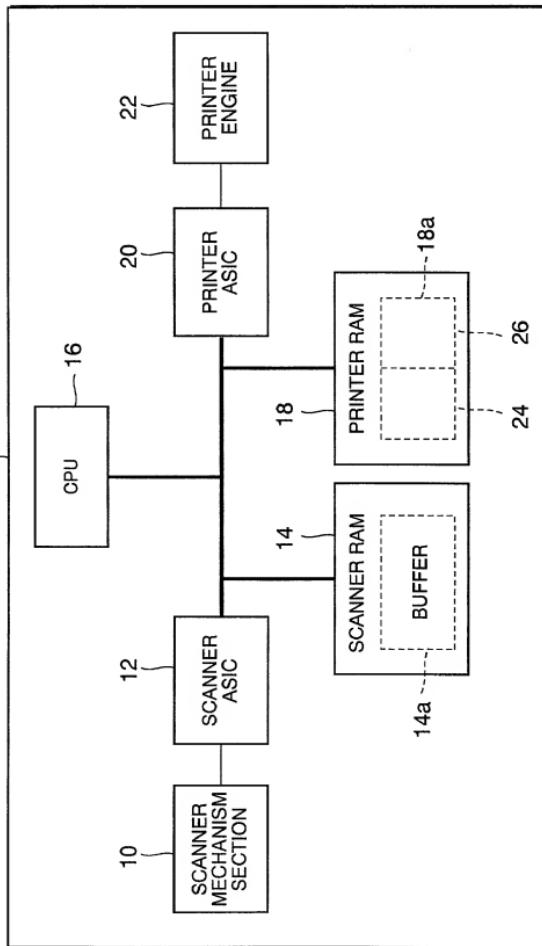


FIG. 1

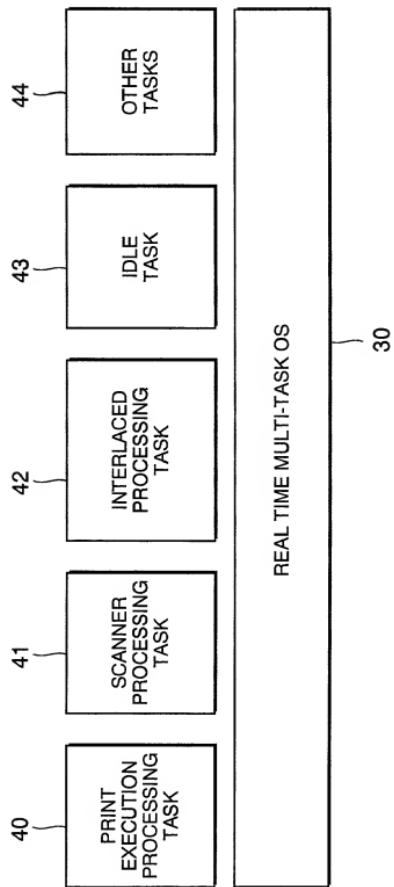


FIG. 2

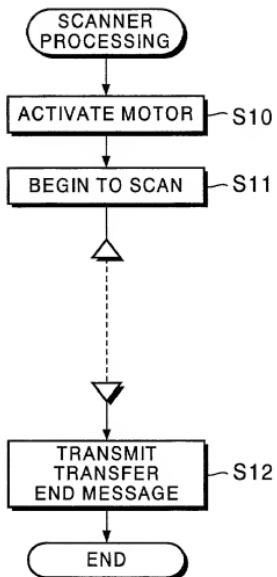


FIG. 3

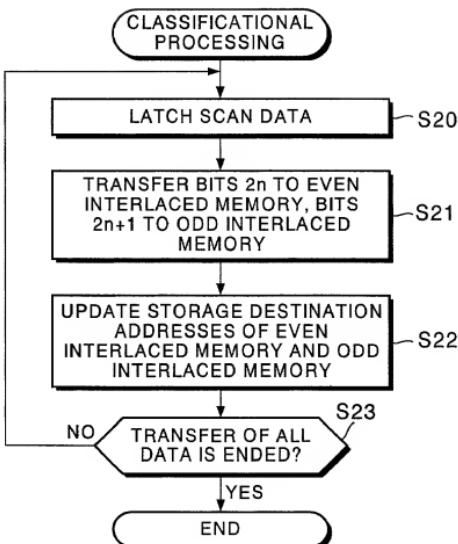


FIG. 4

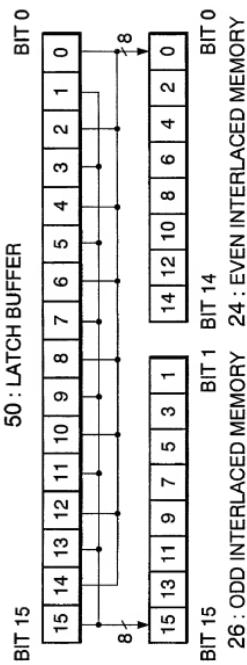


FIG. 5

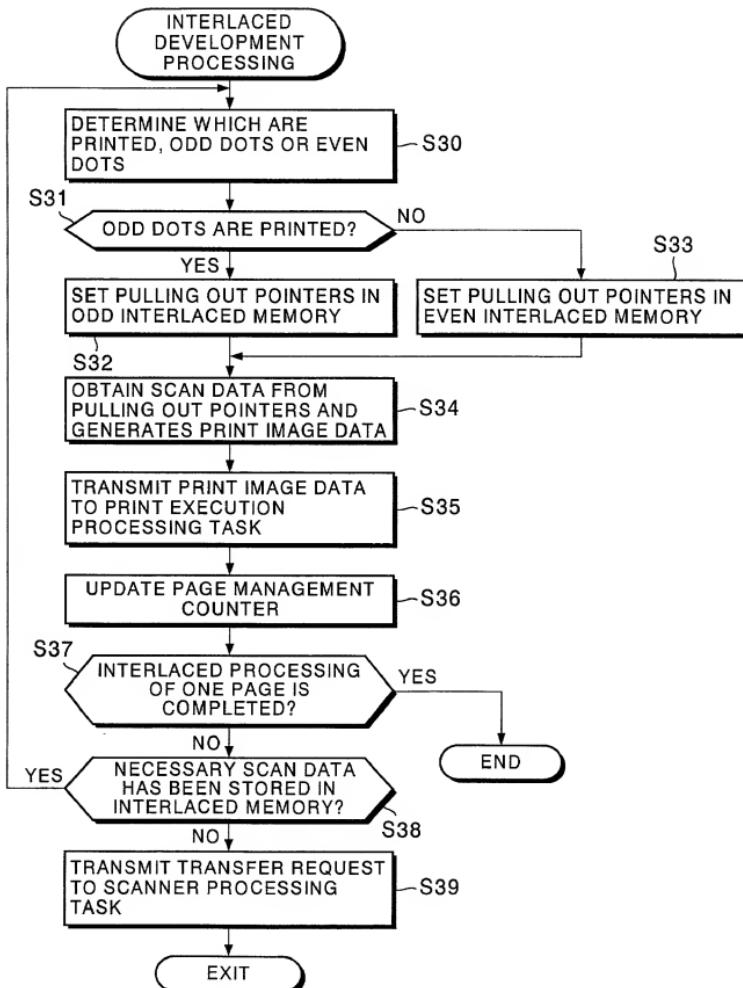


FIG. 6

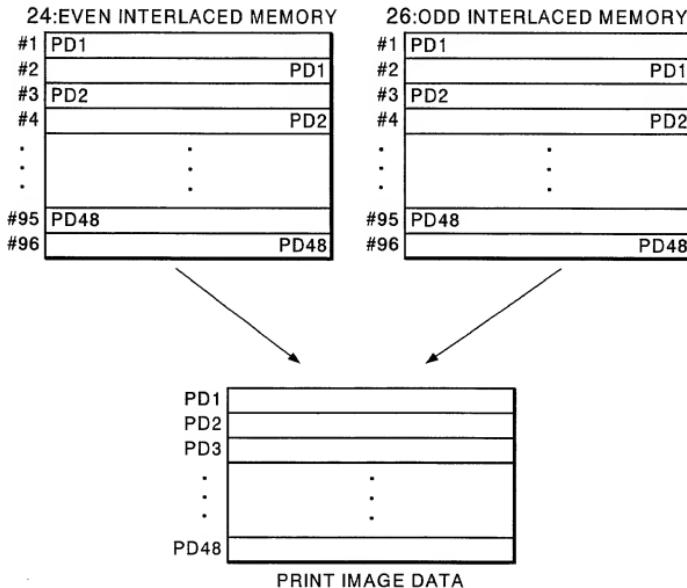


FIG. 7

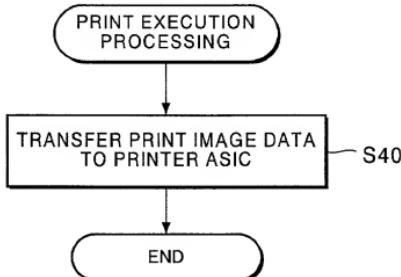


FIG. 8

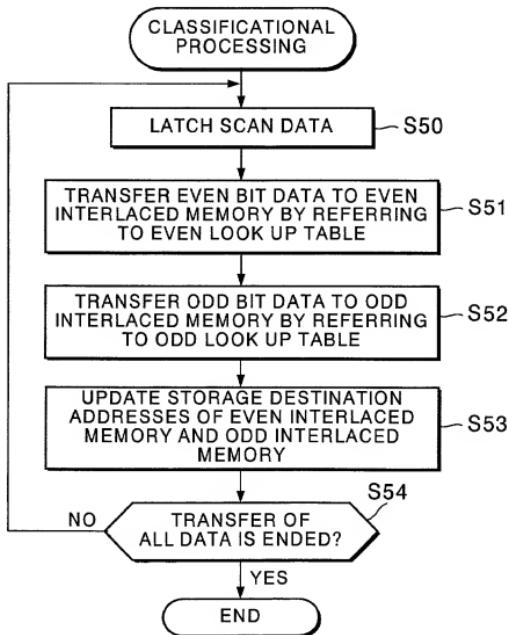


FIG. 9

TB0: EVEN LOOK UP TABLE

SCAN DATA	EVEN BIT DATA
0 0 0 0 0 0 0 0 0	0 0 0 0 0
0 0 0 0 0 0 0 0 1	0 0 0 0 1
0 0 0 0 0 0 1 0	0 0 0 0 0
.	.
0 0 1 1 0 1 0 0 0	0 1 1 0
0 0 1 1 0 1 0 1	0 1 1 1
0 0 1 1 0 1 1 0	0 1 1 0
.	.
1 1 1 1 1 1 0 1	1 1 1 1
1 1 1 1 1 1 1 0	1 1 1 0
1 1 1 1 1 1 1 1	1 1 1 1

FIG. 10

TB1: ODD LOOK UP TABLE

SCAN DATA	ODD BIT DATA
0 0 0 0 0 0 0 0 0	0 0 0 0 0
0 0 0 0 0 0 0 0 1	0 0 0 0 0
0 0 0 0 0 0 1 0	0 0 0 0 1
.	.
0 0 1 1 0 1 0 0 0	0 1 0 0
0 0 1 1 0 1 0 1	0 1 0 0
0 0 1 1 0 1 1 0	0 1 0 1
.	.
1 1 1 1 1 1 0 1	1 1 1 0
1 1 1 1 1 1 1 0	1 1 1 1
1 1 1 1 1 1 1 1	1 1 1 1

FIG. 11

1 RASTER

#1 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

#2 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

#3 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

#4 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

⋮

⋮

#95 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

#96 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

FIG. 12

FIG. 13

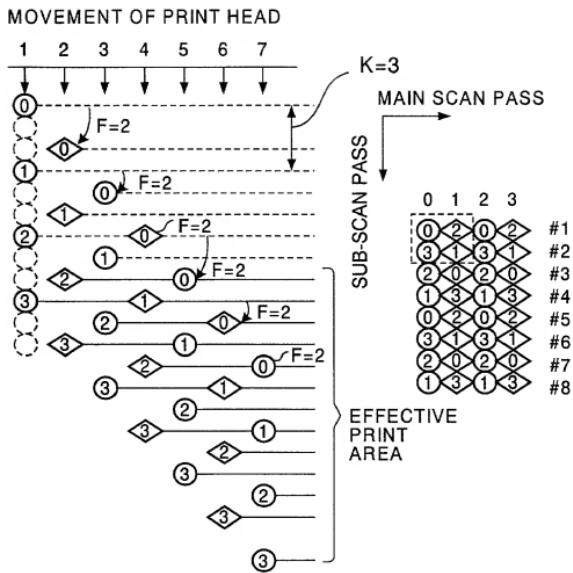


FIG. 14

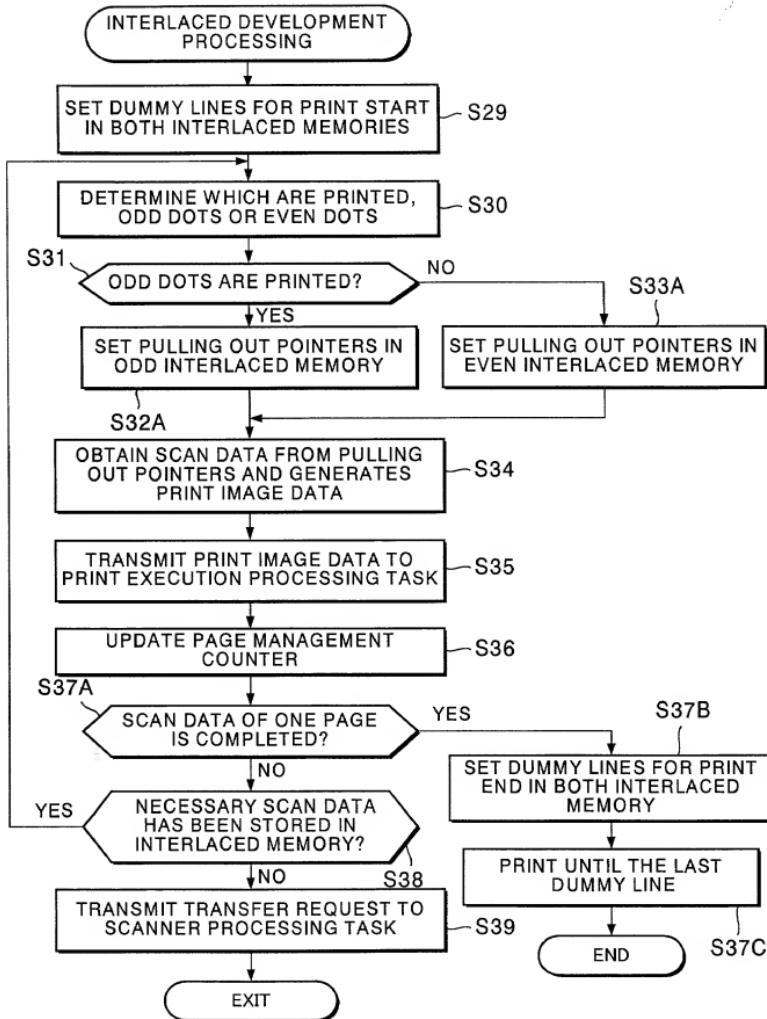


FIG. 15

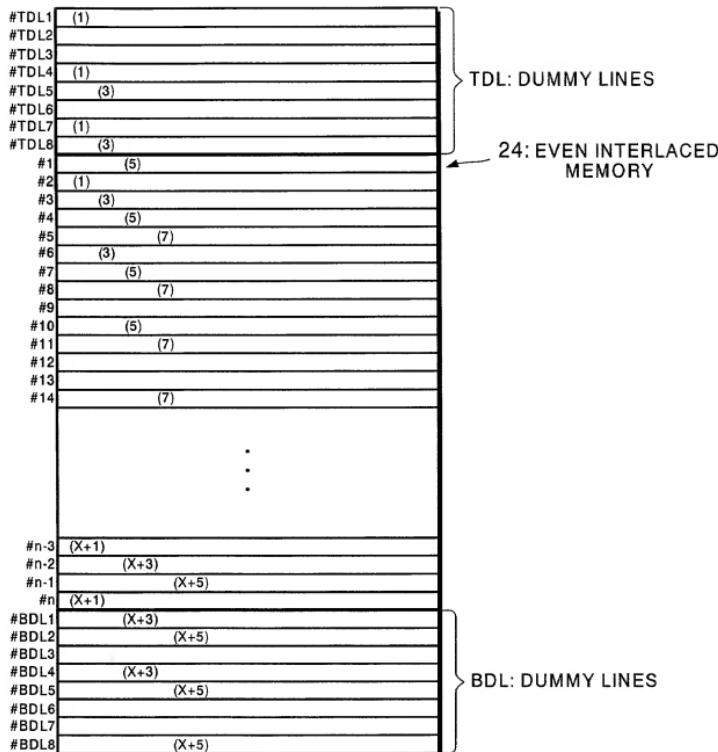


FIG. 16

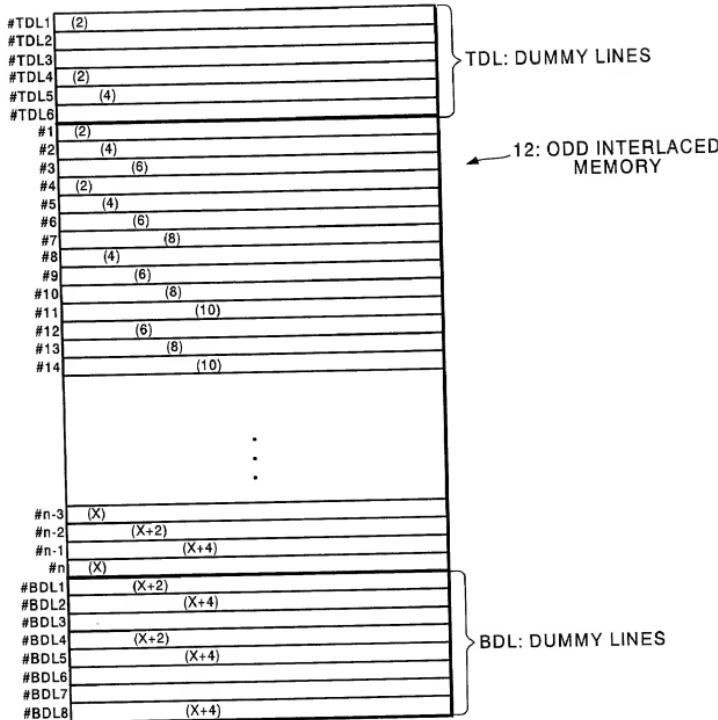
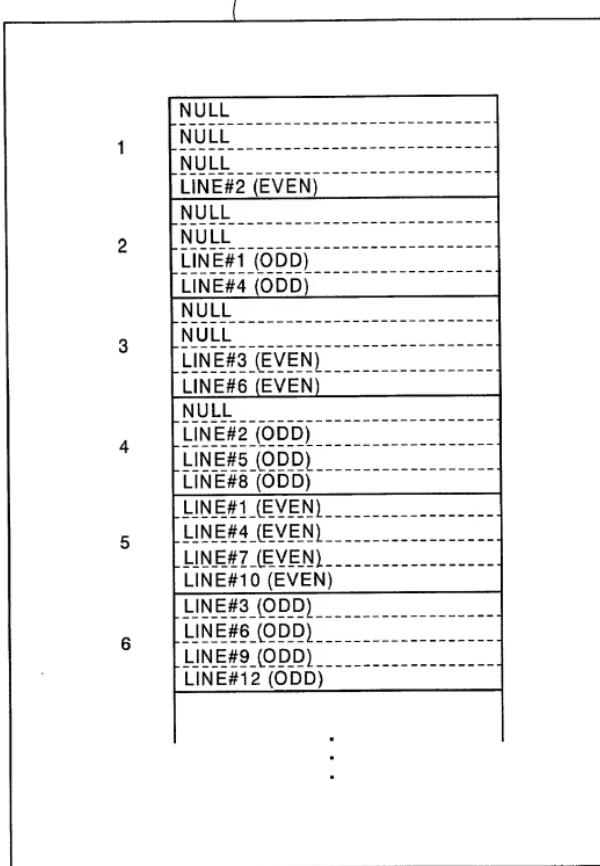


FIG. 17

18: PRINTER RAM



The diagram illustrates a stack of memory pages, labeled 1 through 6 on the left, showing their corresponding content in the printer RAM. The content is organized into two columns: odd-numbered lines (left) and even-numbered lines (right). The stack is represented by a vertical line of dots between the last page and the bottom of the stack.

1	NULL	NULL	NULL	LINE#2 (EVEN)
2	NULL	NULL	LINE#1 (ODD)	LINE#4 (ODD)
3	NULL	NULL	LINE#3 (EVEN)	LINE#6 (EVEN)
4	NULL	LINE#2 (ODD)	LINE#5 (ODD)	LINE#8 (ODD)
5	LINE#1 (EVEN)	LINE#4 (EVEN)	LINE#7 (EVEN)	LINE#10 (EVEN)
6	LINE#3 (ODD)	LINE#6 (ODD)	LINE#9 (ODD)	LINE#12 (ODD)

FIG. 18